

A1  
generating image data based on the performed acquisition;  
generating quantitative data based on the performed acquisition; and  
constructing a DICOM compatible file, the image data being provided in an image data field and the quantitative data being provided in a field of the DICOM compatible file other than the image data field.

18. (Amended) A method of generating a DICOM file including embedded quantitative data, said method comprising:

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generating a report image file from quantitative data;  
embedding the report image file as an image file portion of the DICOM file; and  
embedding the quantitative data, used to create the report image file, in a field of the DICOM file other than the image data field.

23. (Amended) A computer executable software code stored on a computer readable medium, the code for creating a DICOM compliant file, said code comprising:

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code for creating a report, including quantitative data, from acquisition data generated by an image capture device or another form of data entry;  
code for creating a bitmap image file representing the created report;  
code for embedding the bitmap image file in an image field of a DICOM compliant file; and  
code for embedding the quantitative data in a field of the DICOM compliant file other than the image field.